

**Louisiana**  
**Department of Transportation**  
**And**  
**Development**

**Traffic Control Standard**  
**Number 38**

**August 13, 2002**

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Traffic Control Standard #38  
**LOAD CELLS and FLASHERS**  
August 13, 2002

**1.0 INTRODUCTION**

This specification sets forth the minimum requirements for load cells (**Stock# 14-06-2840**) and flashers (**Stock# 14-06-2800**). The equipment design shall be based on the requirements of NEMA Standards Publication No. TS-1, 1989.

All equipment shall comply with the NEMA testing requirements and a certification of compliance shall be presented with each bid for that equipment being offered.

**2.0 SOLID STATE SIGNAL LOAD CELLS**

The load cells shall follow those standards previously set forth. In addition to those, each load cell shall have indicators on the front showing the input state of operation with the indicators vertically aligned and the red input on top, yellow in the middle, and green below.

**3.0 SOLID STATE FLASHER**

The flasher shall comply with NEMA TS-1, Section 8 and Section 7.2.3.2. The flasher shall be a two-circuit, Type 3, flasher rated at 15 amps per circuit.

**4.0 WARRANTY**

All equipment shall be warranted for a minimum of one (1) year. All warranty periods shall begin at the date of acceptance by the Department.